MACHINE SPECIFICATIONS

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MODEL W1820
SHOP FOX® 10" 3 HP CABINET TABLE SAW WITH RIVING KNIFE AND LONG RAILS

Product Dimensions

Weight..... 546 lbs.
Width (side-to-side) x Depth (front-to-back) x Height..... 82 x 45-1/2 x 40 in.
Footprint (Length x Width)..... 22-1/4 x 20 in.

Shipping Dimensions

Carton #1

Type..... Cardboard Box on Wood Skids
Content..... Machine & Table Extension
Weight..... 474 lbs.
Length x Width x Height..... 33 x 30 x 40 in.

Carton #2

Type..... Cardboard Box
Content..... Fence
Weight..... 24 lbs.
Length x Width x Height..... 43 x 17 x 8 in.

Carton #3

Type..... Cardboard Box
Content..... Rails
Weight..... 69 lbs.
Length x Width x Height..... 90 x 7 x 5 in.

Electrical

Power Requirement..... 230V, Single-Phase, 60 Hz
Prewired Voltage..... 230V
Full-Load Current Rating..... 12.8A
Minimum Circuit Size..... 20A
Connection Type..... Cord & Plug
Power Cord Included..... Yes
Power Cord Length..... 6 ft.
Power Cord Gauge..... 14 AWG
Plug Included..... Yes
Included Plug Type..... 6-20
Switch Type..... Magnetic Switch w/Overload Protection

Motors

Main

Type	TEFC Capacitor-Start Induction
Horsepower	3 HP
Phase	Single-Phase
Amps	12.8A
Speed	3450 RPM
Power Transfer	Triple V-Belt Drive
Bearings	Shielded & Permanently Lubricated

Main Specifications

Main Information

Table Saw Type	Cabinet
Maximum Blade Diameter	10 in.
Arbor Size	5/8 in.
Arbor Speed	4300 RPM
Maximum Width of Dado	13/16 in.
Blade Tilt Direction	Left
Max Blade Tilt	45 deg.
Maximum Depth of Cut At 90 Degrees	3-1/8 in.
Maximum Depth of Cut At 45 Degrees	2-3/16 in.
Max Rip Right of Blade w/Included Fence & Rails	49 in.
Max Rip Left of Blade w/Included Fence & Rails	13-1/2 in.

Additional Blade Information

Included Blade Information	10" x 40T
Riving Knife/Spreader Thickness	0.100 in.
Required Blade Body Thickness	0.071 – 0.094 in.
Required Blade Kerf Thickness	0.102 – 0.126 in.
Rim Speed at Max Blade Diameter	11,300 FPM

Table Information

Floor to Table Height	34 in.
Table Size with Extension Wings Width	72 in.
Table Size with Extension Wings Depth	27 in.
Distance Front of Table to Center of Blade	17-1/8 in.
Distance Front of Table to Blade At Maximum Cut	12-1/2 in.
Main Table Size Thickness	1-7/8 in.

Fence Information

Fence Type	Camlock T-Shape w/HDPE Face
Fence Size Length	39-5/16 in.
Fence Size Width	3-7/8 in.
Fence Size Height	2-1/2 in.
Fence Rail Type	Square Steel Tubing
Fence Rail Length	82 in.
Fence Rail Width	2-3/4 in.
Fence Rail Height	2 in.

Miter Gauge Information

Miter Gauge Slot Type	T-Slot
Miter Gauge Slot Size Width	3/4 in.
Miter Gauge Slot Size Height	3/8 in.

Construction

Table	Precision-Ground Cast Iron
Wings	Precision-Ground Cast Iron
Cabinet	Pre-Formed Steel
Trunnions	Cast Iron
Fence Assembly	Steel with HDPE Side Plates
Rails	Steel
Miter Guage Construction	Cast Iron with Steel Bar
Guard	Steel and Plastic
Body/Cabinet Paint Type/Finish	Powder Coated
Arbor Bearings	Sealed & Permanently Lubricated

Other Related Information

Number of Dust Ports	1
Dust Port Size	4 in.
Compatible Mobile Base	D2057A

Other

Country of Origin	China
Warranty	2 Years
Approximate Assembly & Setup Time	1 Hour
Serial Number Location	ID Label on Cabinet
ISO 9001 Factory	Yes
CSA, ETL, or UL Certified/Listed	Yes

Features

Leeson Motor
Precision Ground Cast Iron Table
Cast Iron Trunnions
4" Dust Port
T-Slot Miter Gauge
Riving Knife and Blade Guard
Camlock T-Shaped Fence with HDPE Face
Quick-Release Device for Changing Guard/Riving Knife
Powder Coated Paint
Standard and Dado Table Inserts
Quick Release Riving Knife
Quick Release Motor Guard
Quick Release Splitter Assembly
Easy Glide Fence System
Knurled Knobs for Adjusting Fence
Nylon Runners Inside Fence Head Assembly
T-Square Type Fence System
Recessed Screw Holding Table Insert
Device on Blade Guard Allows Enabling or Disabling of Anti-Kickback Pawls